Activity/Lesson	State	Standards	
Flight-Testing Newton's Laws			
2005 Mathematics			
Content Standards			
Hawaii Mathematics			
Grades 9-12 (Algebra)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	HI	MA.9-12.MA.AI.4.1	Use formulas, functions, or conversion equations to solve problems dealing with determining a measurement based on another derived or given measurement
Session-4 (1-11)	HI	MA.9-12.MA.AI.4.1	Use formulas, functions, or conversion equations to solve problems dealing with determining a measurement based on another derived or given measurement
Session-5 (1-6)	HI	MA.9-12.MA.AI.4.1	Use formulas, functions, or conversion equations to solve problems dealing with determining a measurement based on another derived or given measurement
Session-6 (1-8)	HI	MA.9-12.MA.AI.4.1	Use formulas, functions, or conversion equations to solve problems dealing with determining a measurement based on another derived or given measurement
Session-7 (1-5)	HI	MA.9-12.MA.AI.4.1	Use formulas, functions, or conversion equations to solve problems dealing with determining a measurement based on another derived or given measurement
Session-8 (1-9)	HI	MA.9-12.MA.AI.8.2	Determine the slope of a line when given the graph of a line, two points on the line, or the equation of the line
Session-8 (1-9)	HI	MA.9-12.MA.AI.10.4	Determine the equation of a line when given the graph of the line, the slope and a point on the line, or two points on the line
Flight-Testing Newton's Laws			
2005 Mathematics			
Content Standards			
Hawaii Mathematics			
Grades 9-12 (Algebra II)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure
Session-2 (1-10)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure
Session-4 (1-11)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure

Session-5 (1-6)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure
Session-6 (1-8)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure
Session-7 (1-5)	HI	MA.9-12.MA.AII.4.1	Use advanced formulas or functions to solve problems dealing with determining a measurement based on another derived or given measure
Flight-Testing Newton's Laws			
2005 Mathematics			
Content Standards			
Hawaii Mathematics			
Grades 9-12 (Trigonometry)			
Activity/Lesson	**State**	**Standards**	
Session-7 (1-5)	HI	MA.9-12.MA.T.5.6	Use the fundamental trigonometric identities, including the sum and difference formulas, double-angle formulas, and half-angle formulas to solve problems